



SPEAKER PROFILE

OPENING SESSION:

PROF. SACHIN CHATURVEDI is currently Director General at the Research and Information System for Developing Countries (RIS), a New Delhi-based Think-Tank. Professor Sachin Chaturvedi has been part of several important initiatives of the Government of India and takes keen interest in transforming economic policymaking towards integrated and evidence based approaches. He has authored/edited more than 20 books, apart from contributing several chapters in the edited volumes and also publishing several research articles in prestigious journals. He is on the Editorial Board of several journals including the South Asian Economic Journal, IDS Bulletin, Sussex, UK among others. His book “The Logic of Sharing – Indian Approach to South-South Cooperation” has been acclaimed internationally as one of the best volumes on international development cooperation. Professor Sachin Chaturvedi was also the ‘Global Justice Fellow’ at the MacMillan Center for International Affairs at Yale University (2009-2010) and has served as a Visiting Professor at the Jawaharlal Nehru University (JNU) and was a Developing Country Fellow at the University of Amsterdam (1996), Visiting Fellow at the Institute of Advanced Studies, Shimla (2003), and Visiting Scholar at the German Development Institute (2007). He is credited with the launch of Network of Southern Think Tanks (NeST) and Forum for Indian Development Cooperation (FIDC). He has also created “Delhi Process”, a major forum for exchange of ideas on South-South Cooperation.

FUMIKAZU SATO is Deputy Director-General for Science, Technology and Innovation, Cabinet Office, Japan. He also has been appointed Deputy Director-General for Nuclear Energy Policy, Cabinet Office since 25 July 2018. He joined in the Ministry of International Trade and Industry (MITI: Current METI), Government of Japan in 1988. Besides the experience of government official, he has covered a wide variety of field in his career from a visiting professor in the academic area to a vice governor in local government and to a First Secretary at The Mission of Japan to the European Union in the diplomatic area. He has the Master in mathematics at the Graduate School of Mathematical Sciences, the University of

Tokyo. He completed the finance course at the School of Higher Commercial Studies in Paris (HEC).

MR. SHANTANU MUKHERJEE Chief, Policy Analysis Branch, Division for Sustainable Development, UN-DESA Shantanu presently heads the policy and analysis branch in the Sustainable Development Division within the UN's Department for Economic and Social Affairs. He is a micro-economist with interests in poverty, health and sustainability. A particular area of focus in his current position is enhancing the impact of science, technology and innovation in advancing sustainable development. Prior to this, he led the research unit of UNDP's Human Development Report through two report cycles, preceded by a stint as head of UNDP's global MDG policy work. Shantanu began his career with the Indian Government in various areas of development policy planning, implementation and finance. He earned a PhD in Economics from Princeton University in 2006, and also holds advanced degrees in Public Policy and Physics.

DR. P. K. ANAND is currently visiting fellow at RIS New Delhi. He worked as Senior Consultant, NITI Aayog, Government of India handling SDGs, 12th Five-Year Plan Appraisal and Evaluations. In Planning Commission, as Senior Adviser, he handled SDGs, Industry, Minerals, Research, Economic Divisions and also headed Programme Development Monitoring and Evaluation Organization having 15 field units across the country. Before his retirement from Indian Administrative Service (IAS), he had served in the Government of India and State Government of Rajasthan in key positions. He had also served as the Joint Secretary (JS) in the Ministry of Rural Development and in the Ministry of Defence and was the Director (Exports) in the Ministry of Textiles. He holds M.Sc. (Physics) and M.Sc. (Economics) from London School of Economics. He is a Fellow of the Indian Institute of Foreign Trade and holds a PhD in Economics.

PROF. K VIJAY RAGHAVAN, FRS is the Principal Scientific Adviser to the Government of India on April 3, 2018. Earlier, he served as Secretary, Department of Biotechnology (DBT), Government of India, during January, 2013 to January, 2018. Till then, he was the Director of the National Centre for Biological Sciences, Bengaluru, where he continues as a Distinguished Professor. Prof. VijayRaghavan graduated with a Bachelor of Technology degree in Chemical Engineering from IIT Kanpur in 1975 and holds a PhD from the Tata Institute of Fundamental Research. During his post-doctoral work, he worked as a Research Fellow from 1984 to 1985 and then as a Senior Research Fellow from 1986 to 1988, at the California Institute of Technology. In 1988, he joined the Tata Institute of Fundamental Research as a reader. He was instrumental in establishing the National Centre for Biological Sciences (NCBS), Bengaluru, under the aegis of Tata Institute of Fundamental Research (TIFR) and moved over to NCBS in 1992. His fields of specialization are developmental biology, genetics and neurogenetics.

SESSION I

PROF AMBUJ SAGAR is the Vipula and Mahesh Chaturvedi Professor of Policy Studies and the founding Head of the School of Public Policy at the Indian Institute of Technology Delhi. Ambuj's interests broadly lie at the intersection of science, technology and development. His recent work has focused on innovation policy for meeting sustainability and inclusivity challenges, energy innovation policy and strategies (in areas such as renewables, air pollution, coal power, automobiles, and institutional mechanisms such as climate innovation centers), climate change policy and politics, capacity development, and

higher education policy. He has been consultant/advisor/committee member with various Indian Govt. ministries/agencies as well as many international agencies. Ambuj did his undergraduate studies in Mechanical Engineering at IIT Delhi. He subsequently received an M.S. in Aerospace Engineering from the University of Michigan and then an M.S. in Materials Science, a Ph.D. in Polymer Science, and an M.S. in Technology and Policy from the Massachusetts Institute of Technology.

MR NAOTO, KANEHIRA is a Senior Private Sector Specialist at Finance, Competitiveness and Innovation Global Practice at the World Bank. Focusing on innovation policies, he has represented the World Bank at UN Interagency Task Team on Science, Technology and Innovation for Sustainable Development Goals (IATT-STI) since 2014, and Development Working Group and Digital Economy Taskforce of G20 under Japanese presidency in 2019. At UN IATT-STI he co-leads the production of the Guidebook and implementation of the Global Pilot Program for STI for SDGs Roadmaps, facilitating the World Bank's role as IATT's focal point for India and Kenya for STI for SDGs Roadmaps. Prior to joining the World Bank he worked at McKinsey & Co., UNDP, ICO-EUSR in Kosovo and MIT Media Lab. He holds MPA from Harvard University and MS in Management from Massachusetts Institute of Technology.

Dr Michiharu Nakamura graduated from the University of Tokyo and joined Hitachi Central Research Laboratory in 1967, where he was engaged in compound semiconductors and optoelectronics research. He was a pioneer of semiconductor DFB laser development. In 2004, he was appointed Executive Vice President and Executive Officer of Hitachi Ltd., and then assumed a position of Board of Director till September 2011. He was a visiting Researcher at California Institute of Technology in 1972-73. In 2011, he assumed the office of the President of Japan Science and Technology Agency (JST), where policy-driven R&D funding is a major mission. After completing four- year presidency, he has been serving as the Counsellor to the President and Advisor for Science and Technology of JST since October 2015. He has been actively working on national science and technology strategy. He served as Chairman of Tsukuba Global Innovation Promotion Agency from April 2013 to March 2015. He is entitled IEEE fellow, JSAP fellow, and IEICE fellow.

Mr TANAKA, Sadahito, CAO

SESSION II:

Dr Nagesh Kumar is Head of Office of the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) based in New Delhi. At UNESCAP, he served as Chief Economist and Director of Macroeconomic Policy & Development Division (MPDD), and Director of Social Development Division at the UNESCAP headquarters in Bangkok. Earlier, Dr Kumar served as Director-General of Research and Information System for Developing Countries (RIS), a New Delhi-based policy think-tank of the Government of India. During 1993-1998, Dr Kumar served on the faculty of the United Nations University-Institute for New Technologies (UNU-INTECH, now UNU-MERIT) in Maastricht, the Netherlands and directed its research programme on Globalization, FDI and technology transfers. He has also served as a consultant to the World Bank, Asian Development Bank, UNDP, UNCTAD, UNIDO, UN-DESA, ILO, the Commonwealth Secretariat, and the Commission on Intellectual Property Rights, among others. Dr Kumar has served on the board of directors of the Export-Import Bank of India, and on the Governing Boards of the International Centre for Trade and Sustainable Development (ICTSD), Geneva; the South

Asia Centre for Policy Studies (SACEPS), Kathmandu; and the Institute of Studies in Industrial Development, New Delhi, besides a number of committees, task forces and expert groups set up by the Government of India. He holds PhD in Economics from the Delhi School of Economics. He co-founded the South Asia Economic Journal (published by Sage) and was its co-editor during 2000-2009.

DR ARABINDA MITRA, Scientific Secretary, Office of the Principal Scientific Adviser to the Government of India. In 1988 he was awarded the Cambridge Nehru Fellowship to pursue PhD in Earth Sciences at University of Cambridge, UK. The project work was carried out jointly with MIT, USA in REE geochemistry of mid-ocean ridge hydrothermal systems. In 1993, Dr. Mitra was appointed as Senior Scientific Officer in the Indian Antarctic Program of the Department of Ocean Development. He was nominated as Indian representative to international Antarctic Treaty bodies like SCAR & COMNAP. In 1998, Dr. Mitra moved to the National Centre for Polar & Ocean Research at Goa, in the capacity of Program Manager, Science. In 2001, he joined as Scientist-F in the Department of Science & Technology, Government of India. In Nov 2004, he was confirmed as the first Executive Director of the bi-national Indo-US Science and Technology Forum. In Aug 2011, Arabinda Mitra took over the responsibilities of Adviser & Head of International Bilateral Cooperation Division of the Department of Science & Technology. This job portfolio involved overseeing India's international science, technology and innovation engagements with 44 countries across the globe. In June 2018, Dr. Mitra was appointed as the Scientific Secretary in the Office of the Principal Scientific Adviser to the Government of India.

Dr. GEORGE OWUSU ESSEGBEY, Chief Research Scientist and the former Director of the Science and Technology Policy Research Institute (STEPRI) of the Council for Scientific and Industrial Research (CSIR) of Ghana, in Accra. He was Director for more than ten years spearheading the institute's development of research projects and partnerships. He is the President of African Network for Economics of Learning, Innovation and Competence Building Systems (AfricaLics). He has served on a number of national and international Boards including Ghana's National Development Planning Commission (NDPC). He has several years of experience in Science and Technology (S&T) policy research, innovation studies, climate change and sustainable agriculture. He holds a Ph.D. in Development Studies (University of Cape Coast) and M.A. in International Affairs (University of Ghana). He did Ph.D. internship at the United Nations University (Institute for New Technologies, now UNU-MERIT) in Maastricht, The Netherlands. Dr. Essegbey was a recipient of a Commonwealth Fellowship at the Policy Research in Engineering, Science and Technology (PREST) of the University of Manchester, UK. In the course of his research career, Dr. Essegbey served various national and international organisations with his expertise including FAO, UNESCO, UNCTAD, UNEP, WIPO and the World Bank. He was a member of the 10-Member Expert Group supporting the United Nations Technology Facilitation Mechanism with the UN Inter-agency Task Team on Science, Technology and Innovation (STI) for the SDGs.

MR DESTA ABERA is the Director of Policy and Future Planning, Ministry of Innovation and Technology, Ethiopia

DR TOM OGADA is Executive Director, African Centre for Technology Studies (ACTS); chair of National Commission for Science, Technology and Innovation (NACOSTI), Kenya. Prof. Ogada has enormous experience from senior management levels in research, university, public and private sector. Prof. Ogada holds an MSc in Mechanical Engineering from the

Belarusian Polytechnic, Minsk, USSR (1987), PhD in Chemical Engineering from the Technical University Hamburg-Harburg, Germany (1995) and MBA in Strategic Management from Moi University, Kenya (2005). From 2006 to 2009, he was the Managing Director of the Kenya Industrial Research and Development Institute. Between 2009 and 2011, he joined the National Economic and Social Council, a Kenya government policy advisory body, as an UNDP funded research fellow where he was responsible for the manufacturing sector and the development of the Science, technology and Innovation policy. Between 2013 and 2017, he was County Minister responsible for Trade, Industrialization and Investment in Homa Bay County. From December 2017, he has been the Chairman of the Kenyan National Commission for Science, Technology and Innovation (NACOSTI). Since 2000, Prof Ogada has been a consultant for the World Intellectual Property Organization (WIPO) in the areas of national intellectual property (IP) policy and strategy, institutional IP Policy as well as commercialization of research results and technology transfer. He developed three guidelines and tools to help developing countries in formulating national intellectual property policy and strategies.

PROF. VIKTOR NEDOVIC is the Assistant Minister, Ministry of Education, Science and Technological Development (MoESTD), Republic of Serbia. Prof. Dr. Viktor Nedović was born in 1964 in Kruševac, Serbia. He graduated at the Faculty of Agriculture, Department of food technology and biochemistry, University of Belgrade. He received M.Sc. degree in Biochemical Engineering in 1996 at the Faculty of Technology and Metallurgy, Department of chemical engineering, University of Belgrade, and PhD in Biotechnical Sciences in 2002 at the Faculty of Agriculture, University of Belgrade, Serbia. Since 1990 he has been working at the Faculty of Agriculture, University of Belgrade. Nowadays he is full professor at Department of Food Technology and Biochemistry, Faculty of Agriculture, University of Belgrade.

AMBASSADOR NAGARAJ NAIDU is Deputy Permanent Representative, Permanent Mission of India to the UN, New York. An Indian Foreign Service Officer of the 1998 batch, Mr. Naidu is a fluent Chinese speaker and has served in China in four separate stints. At the Indian Embassy in Beijing, he served as Third and Second Secretary (Special Projects) between 2000 and 2003. Between 2003 and 2006, he served as Consul (Political and Commercial) at the Indian Consulate in Hong Kong. From 2009 to 2012, he served as First Secretary and Counsellor (Economic & Commercial Affairs) at the Indian Embassy in Beijing. He took over as the Consul General at the Indian Consulate in Guangzhou, China from 2013 to 2015. After his return to the Foreign Ministry in New Delhi, Ambassador Naidu served as the Joint Secretary/Director General of the Economic Diplomacy Division in the Ministry of External Affairs from 2015 to 2017. During his term, the Economic Diplomacy Division of the MEA was given the “SKOCH Platinum First Prize for Smart Governance” in 2017. He also served as a Board member in a number of Public Sector organizations including India Trade Promotion Organization (ITPO), Water & Power Consultancy Services Ltd. (WAPCOS), Invest India, and Indian Institute of Foreign Trade (IIFT). From 2017 to 2018, he served as Joint Secretary/Director General of the Europe West Division.

Dr HOSHINO, Toshiya is the Ambassador and Deputy Permanent Representative of Japan to the United Nations; Co-Chair of the Third Annual STI Forum. Dr. Toshiya Hoshino is presently a Professor at Osaka School of International Public Policy (OSIPP), Osaka University. From August 2006 to August 2008, he served as a Minister-Counsellor in charge of political affairs at the Permanent Mission of Japan to the United Nations (UN). At the UN, he was a principal advisor to the Chair of the UN Peace building Commission (PBC) when

Japan assumed its Chairmanship. He graduated from Sophia University, Tokyo, completed a Master's at the University of Tokyo, and Doctorate (Ph.D.) from Osaka University. He is a specialist in UN peace and security policies (conflict prevention, peacemaking, peacekeeping, and peacebuilding), human security and humanitarian issues, security in the Asia-Pacific region, and Japan-U.S. relations. He also serves as a board member of the United Nations Association of Japan, the Japan Association for UNHCR, the Japan Association for United Nations Studies, the Okinawa Peace Cooperation Center, respectively and Vice-President, EU Institute in Japan, Kansai (EUIJ-Kansai), among others.

SESSION III:

Dr LIU Wei, Coordinator of IATT, DESA. Dr. Wei Liu is a Sustainable Development Officer in the Policy and Analysis Branch of the Division for Sustainable Development, UN-DESA. A Chinese national, Wei Liu joined the United Nations in 2005. He has mainly worked in the area of development policy and contributed to various United Nations publications including the Prototype Global Sustainable Development Report. His research areas cover from green economy and trade, financing for a green economy transition, inequality and post 2015 development agenda, trade finance and aid in the context of global financial crisis, to food security and sustainable agriculture. Working in the Rio+20 Secretariat, he was extensively involved in the United Nations Rio + 20 process and provided technical support on green economy, trade and finance related issues for the Rio+20 negotiations. Before that, Wei Liu worked as an Associated Economic Affairs Officer in the Trade and Investment Division, UN-ESCAP, Bangkok, Thailand, and as a Research Fellow at the University of Birmingham, the UK. He holds a Ph.D. in Economics from the University of Birmingham.

Dr Shekhar C. Mande is Director General, Council for Scientific and Industrial Research (CSIR), India. During Sept 2011 to - Oct 15, 2018, he was the Director of National Centre for Cell Science, Pune. He is the recipient of Shanti Swarup Bhatnagar Prize for Biological Sciences, 2005; Wellcome Trust International Senior Research Fellow (2003-08); Post-doctoral fellow, Rijksuniversiteit Groningen, Groningen, The Netherlands (Dec 1991 - Nov 1992); Senior fellow, University of Washington, Seattle, USA (Nov 1992 - Dec 1995); Scientist, Centre for DNA Fingerprinting and Diagnostics, Hyderabad (2000-2011). He holds Ph.D from Indian Institute of Science, Bangalore in Molecular Biophysics (1991); M.Sc from Nagpur University, Nagpur in Physics (X-rays & Electronics) (1984); and B.Sc in Nagpur University, Nagpur in Physics, Chemistry, Mathematics (1982).

Dr Paulo Gadelha is the President FIOCRUZ, Brazil and former Member 10-Member Group on STI for SDGs.

Mr MORITA, Hirokazu is the Deputy Director General, Office of Healthcare Policy, Cabinet Secretariat.

Prof. Tateo Arimoto, Adjunct Professor, National Graduate Institute for Policy Studies (GRIPS)/Principal Fellow, Japan Science and Technology Agency (JST). He served as Director General of Science & Technology Policy Bureau of the Ministry of Education and Science and held the position of Executive Research Fellow at the Economic and Social Research Institute of the Cabinet office. He has played an active role in public policy making and implementation in the area of science, technology and innovation in Japan and is a major promoter of science of STI policy with multidisciplinary approach. He has been a co-chair

person of the OECD study projects on “Scientific advice”, “Research funding system” and “Transdisciplinary research”. He is a member of the program committee of the International Network for Government Science Advice (INGSA), the special committee of Science Diplomacy at the Ministry of Foreign Affairs of Japan, and United Nations STI Forum for Sustainable Development Goals.

SESSION IV:

Prof. IIZUKA, Michiko, specializes in the policy studies on development, innovation in the area of sustainability, natural resources and agriculture in developing and emerging countries. She is a professor at the National Graduate Research Institute on Policy Studies (GRIPS) in Tokyo, Japan from April, 2018. She also holds positions as affiliated fellow at United Nations University Maastricht Economic and social Research and training center for Innovation and Technology (UNU-MERIT) and associated fellow at the Science Policy Research Unit (SPRU) at University of Sussex. Prior to joining GRIPS, she was a research fellow at United Nations University Maastricht Economic and social Research and training center for Innovation and Technology (UNU-MERIT: 2008-2018), as an environmental officer at United Nations Economic Commission for Latin America and Caribbean (UNECLAC: 1997-2000) and a researcher at the International Development Center of Japan (IDCJ: 1993-1996, 2000-2002). She holds a DPhil in Science and Technology Policy from Science Policy Research Unit (SPRU), University of Sussex, an MPhil in Development Studies from the Institute of Development Studies (IDS) at University of Sussex and a Post Graduate Diploma on Environment Management from the Imperial College, University of London.

Dr Bhaskar Balakrishnan, has been a diplomat from 1974-2007 and served as Ambassador of India to Greece, Cuba, Haiti and the Dominican Republic, and has worked in Sudan, Syria, Zambia and Austria. He has worked for over ten years with various UN organizations in Geneva and Vienna, including three years as Special Assistant to the Director General, UNIDO. He headed the Investment & Technology Promotion Division of the Ministry of External Affairs. He represented the Ministry in several inter ministerial bodies such as the Foreign Investment Promotion Board, the Genetic Engineering Approval Committee, Steering Committee on Biomedical Research, and the Task Force on Information Security. He was educated at Indian Institute of Technology, Kharagpur (B.Sc Hons), Delhi University (M.Sc), and Stonybrook University, New York, USA (Ph.D in Physics). He has been a Member of the National Security Advisory Board during 2013-14. He is an adjunct faculty member at JSS University, Mysore. He is presently Science Diplomacy Fellow, Research and Information Systems (RIS), New Delhi. He has recently authored a book entitled “Technology and International Relations - Challenges for the 21 st Century”

Dr COLGRAZIER, William, is Editor-in-Chief of Science & Diplomacy and Senior Scholar in the Center for Science Diplomacy at the American Association for Advancement of Science (AAAS). He served as the fourth Science and Technology Adviser to the Secretary of State from 2011 to 2014 to provide scientific and technical expertise and advice in support of the development and implementation of U.S. foreign policy. From 1994 to 2011, he was Executive Officer of the U.S. National Academy of Sciences (NAS) and the National Research Council (NRC). He received his Ph.D. in theoretical physics from the California Institute of Technology in 1971, and prior to 1994 worked at the Stanford Linear Accelerator Center, the Institute for Advanced Study in Princeton, the Center for Science and

International Affairs at Harvard's Kennedy School of Government, and the University of Tennessee. While at Harvard, he also served as Associate Director of the Program in Science, Technology, and Humanism of the Aspen Institute. In 2016, he was appointed by the UN Secretary General as one of the ten international members to support the Technology Facilitation Mechanism to promote the role of science, technology, and innovation for achieving for the 2030 Agenda for Sustainable Development.

Mr KOBAYASHI, Osamu, is the Director of the Department of International Affairs of the Japan Science and Technology Agency (JST). Prior to the current position, he held positions as the Director of the Singapore Office and the Director of the Office of International Strategy of JST. Before joining JST, he worked for Nikon Corporation at the international trade department. Received his degree in economics from Keio University.

CLOSING SESSION

Ms. Renu Pall, Additional Secretary (NEST), Ministry of External Affairs, Government of India. She joined the Indian Foreign Service (IFS) in 1988. Was Ambassador of India to Austria and Permanent Representative to International Organisations in Vienna from January 2017 to December 2019. Prior to this, was Joint Secretary for the Indian Ocean Region in the Ministry of External Affairs (MEA) of the Government of India. Previous experience includes work as the Joint Secretary for ASEAN Multilateral. Served as the Deputy Chief of Mission in the Embassy of India, Berlin. Previous overseas assignments included Embassies of India at Washington DC, Paris and Moscow. In addition, at Headquarters in MEA at New Delhi, held posts of Director (Americas), Director (Foreign Secretary's Office) and Under Secretary & Deputy Secretary (Americas). Prior to joining the IFS, was part of the Indian Civil Accounts Service from 1985-1988 and held charge of Assistant Controller of Accounts in the Ministry of Finance at New Delhi.
